C.3 SCOPE OF WORK

C.3.1 General Work Description

The Contractor shall furnish all management, treatment technicians, tools, equipment and material (except otherwise specified) to design, construct, start-up, operate and maintain equipment, processes, and facilities for the Silo 3 Project. Work shall include providing required documentation controlling the technical baseline, designing, constructing, and operating the facility to retrieve and transfer material from Silo 3 to the treatment area, treating the material as required to meet the Silo 3 WAC, packaging, interim staging, and facility shutdown and dismantlement of the Contractor's facility and equipment. The Contractor shall at its own expense, reprocess all waste which does not meet the Silo 3 WAC and manage and treat secondary waste. This work shall be conducted in accordance with the technical requirements of this SOW and all other requirements of this solicitation. The facility shall be classified, documented, designed, operated, and maintained by the Contractor in accordance with the hazard category (HC) requirements defined in DOE-EM-STD-5502-94 (Section J.3.2).

In addition, the Contractor may petition to FDF, or may be required by FDF, to utilize existing FEMP facilities (e.g., fences, roads, drainage ditches). In the event the Contractor damages such facilities, the Contractor shall at its own expense repair these facilities subject to the approval of FDF.

The Contractor shall plan, design, and manage the work to facilitate removal of its entire facility and equipment upon completion of the work to the established release criteria as discussed in Section C.7. Due to the radiological constituents of concern, the Contractor may not be able to remove all of its material and equipment from the site unless the Contractor has a NRC license to receive radioactive material and the equipment is properly packaged to meet the regulatory requirements regarding the shipping of radiological materials (Sections C.7.2.3.7.4 and J.3.4.5.1).

The Contractor shall perform activities, as described in this SOW in accordance with all applicable regulatory requirements and consistent with any agreements, Orders, permits, or similar documents identified in this contract. These include, but are not limited to, the ACA (Attachment J.4.35), ARARs, and “to be considereds” (TBCs) as identified in Attachment J.4.1.

C.3.2 Specific Description of Work

The Silo 3 Project is separated into five major work phases:

- Pre-mobilization Phase;
- Pre-operational Phase;
- Operational Phase;
- Facility Shutdown and Dismantlement Phase; and
- Demobilization Phase.

These five major phases are further separated into smaller, discrete activities of work to be accomplished.

C.3.2.1 Pre-mobilization Phase

The Contractor shall perform the following activities as part of the Pre-mobilization Phase of this project:

- Pre-mobilization;
- Engineering and environmental investigations; and
- Authorization to mobilize.

C.3.2.1.1 Pre-mobilization

The Contractor shall perform the following activities as part of the Pre-mobilization phase, after award and prior to Authorization to mobilize. The Contractor shall provide all personnel transportation, lodging, and all expenses to conduct all site visits necessary for the planning and conduct of work, including initial site inspections, tours, and meetings.

C.3.2.1.1.1 Submittals Before Notice to Proceed

The Contractor shall submit the required items listed in Figures C.4-1 and C.4-2, Contractor Submittal Register, for FDF review and approval prior to FDF issuance of the Notice to Proceed (NTP).

C.3.2.1.1.2 Alignment Meetings

Prior to authorization to mobilize, the Contractor shall participate in a maximum of five alignment and project meetings arranged and facilitated by FDF. Alignment meetings and project meetings shall be held with each of the following organizations: FDF management/ DOE/EPAs; FAT&LC; and GCBCTC. The objective of these meetings is to review common goals, eliminate misunderstandings as to expectations, and perform joint execution planning to accomplish the contracted scope of work with emphasis on safety, performance, quality, compliance with regulatory requirements, budget, and schedule. The meetings are expected to last two days each, and will be held at a location within a 20-mile radius of the FEMP. The agenda will be jointly prepared by FDF and the Contractor.

C.3.2.1.1.3 Site Access Training

The Contractor shall ensure that all personnel receive the appropriate training prior to site access (Section J.3.3.3 and Figures J.3.3-4 and J.3.3-5).

C.3.2.1.2 Engineering and Environmental Investigations

C.3.2.1.2.1 General

The Contractor shall perform the calculations, engineering and design activities necessary to complete the development of the process and support facilities to remove and treat the Silo 3 material. The Contractor shall perform these activities in accordance with the Contractor's FDF-approved Safety Basis (Section J.3.2), Engineering Management Plan (Section C.5.1.6.2), and Configuration Management Plan (Section C.5.1.6.3). The Contractor shall provide engineering design deliverables in accordance with Figures C.4-1 and C.4-2, Contractor Submittal Register, and Sections C.5.1.2, C.5.2.2, and C.6.3.

The Contractor should use data provided by FDF to the extent it deems appropriate. By choosing to use this data, the Contractor accepts responsibility for accuracy of the data. If the Contractor determines that other data are required in addition to those data provided by FDF, it shall collect those data in accordance with the requirements of Sections C.5.1.1.7, C.5.1.1.8, and C.5.1.1.9.

C.3.2.1.2.2 Silo 3 Integrity

The Contractor shall detail methods which clearly demonstrate that the structural integrity of Silo 3 will not be compromised. FDF retains responsibility for the overall silo integrity during waste retrieval, treatment operations, facility shutdown and dismantlement. Various engineering investigations have been conducted in the past on the Silo 3 structure. Structural stability studies on the silo walls and dome are referenced in Attachment J.4.60. Structural details and specifications for Silo 3, such as locations of manways, access ports, baffles, and weirs, are included in Silo 3 construction drawings presented in Table C.5-1 and Attachments J.4.43 and J.4.43a.

C.3.2.1.2.3 Environmental Investigation

Environmental investigations have previously been conducted in the vicinity of Silo 3. A discussion of the characterization data resulting from both surface and subsurface soil sampling performed pursuant to CERCLA for various hazardous substances, including radionuclides, is presented in Section J.2. A more thorough discussion is presented in the Remedial Investigation (RI) Report for OU4.

C.3.2.1.2.4 Geotechnical Investigations

Geotechnical investigations in the vicinity of Silo 3 have been conducted. A summary of geotechnical investigations is presented in Attachment J.4.61. The soils in the footprint have good bearing capacity, as indicated by the 3,500 pounds per square foot (psf) allowable bearing capacity referenced in the H.C. Nutting Report (Attachment J.4.63).

C.3.2.1.2.5 Post-contract Award Treatability Testing

Depending on its availability, the Contractor may perform additional off-site bench-scale or pilot-scale testing of Silo 3 material after award of the contract, to support its development of the engineering and design of the process facilities.

FDF may provide a maximum quantity of five drums consisting of a 30-gallon drum of Silo 3 material overpacked in a 55-gallon drum at the Contractor's request. The Contractor shall notify FDF in writing of its intent to perform this testing a minimum of sixty days in advance of its testing start date. FDF would coordinate the transportation of Silo 3 material to the Contractor's NRC-licensed testing facility.

The Contractor shall identify, segregate, and quantify all secondary waste, treated Silo 3 waste samples, and any unused Silo 3 material resulting from its treatability testing.

The Contractor shall treat and/or dispose of all secondary waste generated from its treatability testing in accordance with its NRC license, at its own expense. The Contractor shall dispose of any listed waste generated from its treatability testing at its own expense.

Any treated Silo 3 waste samples which exhibit characteristics for mixed waste after testing shall be treated by the Contractor, at its own expense, to eliminate the characteristics prior to returning the samples to the FEMP.

The Contractor shall notify the FDF Contract Administrator in writing, within ten (10) working days of completion of its laboratory testing, of the quantity of treated Silo 3 waste samples and unused Silo 3 material to be returned to the FEMP.

Upon receipt of written notification from the Contractor, FDF technical representatives would work directly with the Contractor to coordinate the documentation and transportation arrangements for the return of the treated Silo 3 waste samples and any unused Silo 3 material to the FEMP.

The Contractor shall be responsible for all packaging and transportation costs associated with the transportation of all the untreated Silo 3 material and the treated Silo 3 waste both to and from the FEMP and the Contractor’s testing facility.

C.3.2.1.3 Hazards Analysis

The Contractor shall perform and report the results of a hazards analysis as identified in Section J.3.2 of the facility design, including an operating plan with limiting conditions of the facilities operation identified. A hazards analysis shall be conducted for any segment of the facility, the failure of which would create an unsafe workplace, release, or threaten to release contaminants to the environment.

C.3.2.1.4 Authorization to Mobilize

After issuance of the NTP and before Authorization to mobilize, the Contractor shall submit the required items listed in Figure C.4-1 for review and acceptance by FDF, and as appropriate DOE and the EPAs. The Contractor will not receive written authorization to mobilize from the FDF Contract Administrator until these submittals are accepted by FDF, and as appropriate, by DOE and the EPAs.

C.3.2.2 Pre-operational Phase

The Contractor shall perform the following activities as part of the Pre-operational Phase of this project:

- Mobilization;
- Site preparation;
- Facility construction;
- Start-up preparation;
- Pre-operational assessment; and
- Authorization to operate.

C.3.2.2.1 Mobilization

Following Authorization to Mobilize, the Contractor shall mobilize personnel, tools, material, and equipment to the job site to perform site preparation for construction of the remediation facilities.

C.3.2.2.1.1 Temporary Facilities

The Contractor shall provide temporary offices, control point facilities, break facilities, tool trailers (or other temporary facilities, as required) for use during performance of this contract. A possible location for these facilities is shown on Figure C.1-3. These facilities must meet the requirements of Attachment J.4.53.

The Contractor shall provide temporary tie-ins to all required utilities/services identified in Section C.4.2.

C.3.2.2.1.2 Receiving and Laydown Areas

The Contractor shall establish all material and equipment receiving and laydown areas in accordance with Section C.4.3.

C.3.2.2.2 Site Preparation

Following mobilization, the Contractor shall perform the following site preparation activities in accordance with the requirements of this contract including Section C.5.2, Site

Preparation; the Contractor's approved Engineering and Design Documentation Submittals (Section C.5.1.2); and the approved Site Preparation Package (Section C.5.2.2.1).

C.3.2.2.2.1 Access

The Contractor shall implement all site access requirements as defined in Section J.3.3.3.4 Access and traffic control to the Contractor's allocated area shall be controlled by FDF. Within the Contractor's allocated site boundaries, the Contractor shall control access and traffic.

C.3.2.2.2.2 Utilities

The Contractor shall connect utilities (Section C.4.2) from the FDF tie-in point to the remediation facility and all other end use points. All utility tie-ins shall be in accordance with the requirements of Sections C.4.2.1.1 and C.5.2.1.6. The utility tie-in points are identified on Figures C.5-1 and C.5-2.

C.3.2.2.3 Facility Construction

The Contractor shall erect facilities (including concrete foundations and pads) required for the Contractor's remediation process in accordance with the Contractor's approved Final Design Report (Section C.5.1.2.5). No deviations shall be permitted without the prior written concurrence of the FDF Technical Representative.

C.3.2.2.3.1 Construction Waste

The Contractor shall dispose of construction waste in accordance with Section C.7, Attachment J.4.3, and state laws pertaining to construction and debris.

C.3.2.2.3.2 Construction Acceptance Testing

The Contractor shall perform Construction Acceptance Testing (CAT) in accordance with specifications presented in its FDF-approved CAT Plan (Section C.5.3.2).

The Contractor shall perform a formal punch-list in relation to the completion of the construction work, and list items to be completed in a timely manner and identify when the control of the work will be turned over to operations for start-up and operational testing (Sections C.3.2.2.4 and C.5.4).

C.3.2.2.4 Start-Up Preparations

The Contractor shall perform pre-operational activities, including the development of procedures, operational training of personnel, start-up and operational testing in accordance with the requirements of Section C.5.4.

C.3.2.2.4.1 Conduct of Operations Procedures

The Contractor shall prepare administrative and operating procedures in accordance with the principles of the Conduct of Operations (CONOPs) Procedures program (Section C.5.4.1.1).

C.3.2.2.4.2 Operating Procedures

The Contractor shall develop specific technical procedures for operations and maintenance activities (Sections C.5.4.1.1 and C.6.2.12).

C.3.2.2.4.3 Operations Training

The Contractor shall conduct operator training of personnel in accordance with Section C.5.4.1.2.1. See Section J.3.3.3 for general site required training.

C.3.2.2.4.4 Systems Operability Testing

The Contractor shall conduct Systems Operability Testing (SOT) in accordance with the requirements in Section C.5.4.1.3.

C.3.2.2.4.5 Request for Pre-operational Assessment

The Contractor shall submit a request for Pre-operational Assessment (PA) in accordance with Section C.5.4.2.

C.3.2.2.5 Pre-operational Assessment

The Contractor shall support the performance of Pre-operational Assessment (Section C.5.5) in accordance with DOE Order 425.1.

C.3.2.2.6 Authorization to Operate

Authorization to Operate will be issued by FDF in writing upon receipt of a written request from the Contractor and after the following activities have taken place: the completion of the facility construction; completion of SOT; completion of PA; and review and approval/acceptance by FDF, DOE, and the EPAs (as applicable) of the required items listed in Figures C.4-1, Contractor Submittal Register, and C.4-2, Deliverables/Submittals Review Cycle.

C.3.2.3 Operational Phase

The Contractor shall process the Silo 3 material in accordance with this SOW, and to the extent consistent therewith, those portions of its technical proposal incorporated Attachment

J.4.92.

The Contractor shall perform the following activities as part of the Operational Phase of this project:

- Waste retrieval;
- Waste processing;
- Maintenance;
- Packaging; and
- Interim staging of waste.

C.3.2.3.1 Waste Retrieval

Waste retrieval includes access through the dome, access ports, or walls of Silo 3, extraction of waste, and transfer to the staging area, or entry point of the treatment process.

Waste retrieval shall include controls to minimize exposure to workers and the potential for release of radionuclides to the environment. Waste extraction processes must not exceed Silo 3 dome load limits (Attachments J.4.60 and J.4.64).

The Contractor may utilize multiple retrieval techniques to remove all Silo 3 material.

The Contractor shall identify all waste retrieval techniques, the limitations of the waste retrieval techniques, the phase of the project where each would be utilized, and the operating conditions requiring use.

The Contractor shall plan for any special material handling and/or treatment required for "nontypical" waste encountered in Silo 3, as specified in Section C.6.2.2.

Nontypical waste which is not amenable to the Contractor’s treatment method shall be segregated and turned over to FDF in accordance with the Material Segregation and Containerization Criteria (MSCC).

The Contractor shall plan, design, and sequence waste retrieval to be as efficient as possible in support of treatment operations to minimize the quantity of untreated Silo 3 material that must be staged and support the hazard category determination and safety basis requirements. Chemical, radiological, and physical attributes characterizing the Silo 3 material are presented in Section J.2, Attachments J.4.30 and J.4.44.

The Contractor shall maintain an accurate record of the quantity of material as it is retrieved from Silo 3, treated, and packaged, as specified in Section C.6.2.2.

All staging of Silo 3 material must preclude the potential for release of material. At no time shall the Contractor store material in an open pile or open top tank. Transfer of untreated

Silo 3 material shall be in totally enclosed transfer vessels or process lines, and rely on compatible equipment for material transport.

C.3.2.3.2 Waste Processing

The Contractor shall treat all Silo 3 material in accordance with Section C.6.2.9 to meet the Silo 3 WAC. The Contractor shall maintain operator logs in accordance with Section C.6.3.4 and submit copies at FDF's request. The Contractor shall treat secondary waste, as necessary, to meet the FEMP AWWT discharge requirements for liquid waste (Section C.5.1.1.3.2) or the Silo 3 WAC for solid waste.

The Contractor shall furnish all management, treatment technicians, facilities, equipment, and material to design, construct, operate, and maintain the Silo 3 treatment system. Work shifts, work hours, and the FDF/FAT&LC labor force required to support treatment operations shall be identified by the Contractor in the Contractor's Labor Relations/Workforce Utilization Plan (Section C.8.2).

The Contractor shall develop and execute the process controls, including laboratory analysis, to ensure that the retrieved, untreated waste meets the specifications of the Contractor's treatment process (e.g., chemical and physical characteristics) and to ensure treated waste product meets the Silo 3 WAC. The Contractor shall be capable of processing waste that does not meet its treatment formula specifications (e.g., pre-treating waste prior to processing or modifying the treatment formulation). In addition, design and operation of the Contractor's process shall include the capability for reprocessing treated waste product that does not meet the Silo 3 WAC.

The Contractor shall be responsible for the management, treatment and packaging of all secondary or auxiliary waste generated during all phases of the project, including cleanup of any spills or releases to the environment and the costs associated with these activities. Generation of secondary waste shall be minimized.

The Contractor shall perform a controlled facility shutdown after final treatment of the waste, at any time during scheduled maintenance outages/turnarounds of the facility, or for a prolonged period of inoperation (Section C.6.2.15).

Payment to the Contractor during the operational phase will be based on unit pricing per ton of dry Silo 3 material successfully treated to meet the Silo 3 WAC and accepted for disposal. The waste retrieval and waste processing operations must facilitate this type of data gathering and record keeping. Methods to measure and document the existing dry weight of the untreated Silo 3 material shall be included in the Contractor's process. For the purposes of this recordkeeping, Silo 3 material is considered to be dry as it exists in a normal storage configuration in the Silo. Treatment operations must be monitored and controlled by the Contractor to produce accurate logs, including the quantity of dry Silo 3 material processed (on both a batch, if utilized, and cumulative basis), quantity of treated waste product, process rates, waste loading, and records of material utilization. Operating logs and packaging logs shall contain or cross-reference this information, and in general

provide an accurate record of the treatment and disposal process. See Section G.2 for additional requirements for invoicing based on unit pricing.

C.3.2.3.3 Maintenance

Upon mobilization, the Contractor shall perform corrective and preventative maintenance for all items and maintain existing facilities within the Contractor's work area. FDF and the Contractor will mutually establish a maintenance baseline for existing facilities from an initial inspection of the work zone area. The Contractor shall be required to maintain existing facilities (e.g., Silo 3, utilities, gates, fences, ditches, culverts, etc.) in accordance with the established baseline.

The Contractor shall not be responsible for the repair of any deterioration or failure of facilities through no fault or actions of the Contractor.

The Contractor shall perform all maintenance activities in accordance with the approved Maintenance Plan (Section C.6.3.2) and procedures utilizing FDF supplied FAT&LC personnel.

C.3.2.3.4 Packaging

The Contractor shall load and package treated waste and secondary waste into Contractor-furnished containers for shipment by FDF to an off-site disposal facility in accordance with Section C.6.2.10.

The Contractor shall prepare each container prior to and after waste packaging. Prior to packaging, containers shall be inspected to verify the interior and exterior of the container does not have damage, such as corrosion, bulges, dents, holes, leaks, or other defects. In addition, the lid shall be removed and inspected and repaired/replaced (if necessary). FDF will observe waste packaging and sampling activities performed by the Contractor.

After waste packaging and prior to off-site shipment, each container shall be closed/sealed. Each container shall be inspected to ensure that it is free of any damage and it does not contain free liquid prior to it being closed/sealed. Each container shall also be weighed by the Contractor to ensure the payload is within the rated capacity of the container. A "Card 65" will be filled out by FDF personnel for each container to verify that it has been properly inspected and weighed. In addition, to meeting DOT requirements for transporting radioactive material, the Contractor shall meet the FEMP site requirements for preparing drums, International Shipping Organization (ISO) containers, and metal boxes for shipment (Attachments J.4.87, J.4.88, and J.4.89, respectively). FDF will label containers in accordance with Department of Transportation (DOT) shipping requirements, the Silo 3 WAC, and FEMP site procedures.

The Contractor shall provide FDF personnel the necessary waste characterization and process information to assist FDF in establishing waste stream profiles to support acceptance of each waste stream by the disposal facility and to facilitate tracking of the

waste stream through the Sitewide Inventory Forecasting and Tracking System (SWIFTS).

C.3.2.3.5 Interim Staging

The Contractor shall manage all waste placed in interim storage at the FEMP in accordance with the ARAR's in Attachment J.4.1.

The Contractor shall include in its facility layout plan appropriate areas to stage containers of treated waste prior to shipment to the disposal facility. Staging capacity needs must account for appropriate activities required prior to shipment, including but not limited to, time for waste curing and analysis of treated waste, FDF review of results, verification of compliance with the Silo 3 WAC, and shipment of treated waste (Section C.6.2.10.1.5). FDF may be required to visually inspect all or portions of the waste to determine if the WAC has been met.

FDF will be responsible for the condition of the containers after they are accepted from the Contractor for disposal.

The interim staging area shall include adequate space for loading and transport vehicle turnaround by FDF.

C.3.2.3.6 Final Waste Retrieval, Processing, and Stabilization of Fixed Contamination

Silo 3 Material

Subject to FDF verification and written concurrence, the entire interior of Silo 3 shall be free of all visible, nonfixed material before the Contractor submits its request to FDF to begin facility shutdown activities. The definition of all "visible, non-fixed material" is material that is obvious to the eye and that, if rubbed or rinsed, would be easily removed.

The Contractor will not be required to decontaminate the Silo walls to remove "fixed" contamination, which is contained within the pores of the concrete walls.

The Contractor shall provide the means for inspection of the Silo 3 interior and provide the safety basis documentation supporting its selection as a safe and effective method.

The Contractor shall retrieve and treat all material contained within Silo 3. "Silo 3 material" shall include any bottom and side heel material adhering to the interior surface of Silo 3 which requires removal by special or physical or mechanical techniques.

The Contractor may utilize multiple retrieval techniques to remove all Silo 3 material. The Contractor shall identify all waste retrieval techniques, the limitations of the waste retrieval techniques, the phase of the project where each would be utilized, and the operating conditions requiring use.

The Contractor shall rinse the entire interior of Silo 3 or apply a fixing agent to the entire interior surface of Silo 3 in accordance with the requirements specified in Section C.7.2.2.

The rinse water shall be managed in accordance with the requirements of Section C.5.1.1.3.2.

Hold-up Material

The removal and treatment of hold-up material from all equipment, piping, ductwork, tanks, and sumps shall be performed in accordance with Section C.7.1.3.

C.3.2.4 Facility Shutdown and Dismantlement Phase

The Contractor shall perform the following activities as part of the Facility Shutdown and Dismantlement Phase of this project:

- Submit a request to shutdown and dismantle;
- Facility shutdown; and
- Dismantlement;

C.3.2.4.1 Authorization to Shutdown and Dismantle

Prior to requesting approval to begin facility shutdown and dismantlement activities, the following requirements must be satisfied:

- The Contractor shall complete the retrieval and treatment operations of all the Silo 3 material;

- The interior of Silo 3 shall be free of all visible, non-fixed material;

- The Contractor shall complete reprocessing any off-specification waste rejected by FDF or the disposal facility;

- The Contractor shall process secondary waste generated during operations; and

- The disposal facility shall receive and accept all treated waste for disposal.

The required items listed in Figure C.4-1 shall be submitted to FDF for review and approval. The Contractor shall complete these submittals during the operations phase so that approval to begin shutdown can be requested at the completion of operations.

C.3.2.4.1.1 Approval to Begin

The Contractor shall request in writing and receive written approval from FDF prior to beginning any facility shutdown activities.

C.3.2.4.2 Facility Shutdown

Facility shutdown includes activities to place the facility in a controlled state ready for dismantlement. Activities included within this task are removal of hold-up material, cleaning of interior surfaces, disconnection of utilities, and gross decontamination of exterior surfaces.

C.3.2.4.2.1 Flush and Drain

The Contractor shall remove and treat, as required to meet the Silo 3 WAC, all hold-up material contained within the process equipment and support systems. The Contractor shall remove contamination on equipment, materials or debris using methods that minimize the generation of secondary waste.

The Contractor shall flush all process equipment and support systems to remove loose contaminants and process residues (Section C.7.2.2). Wastewater shall be temporarily stored for sampling and analysis in order to determine proper disposition. Wastewater that does not meet the acceptance criteria of the FEMP AWWT shall be treated by the Contractor prior to discharge. Equipment and systems shall then be drained and dried in preparation for dismantlement.

C.3.2.4.2.2 Utility Disconnection

During the facility shutdown phase of work, the Contractor shall perform all utility disconnect activities associated with its facilities at the point provided by FDF (Section C.4.2). Utilities shall be isolated at their tie-in and their branch runs removed.

C.3.2.4.2.3 Decontamination

Decontamination, as required in Section C.7, shall be performed on the exterior of equipment and process systems, and the interior of building surfaces, including floors. All equipment shall be dismantled and its interior decontaminated, as necessary, in accordance with Section C.7.2.5.

C.3.2.4.3 Dismantlement

FDF will review the Contractor's dismantlement plan and make a final determination whether any dismantlement activity affects the structural integrity of Silo 3. No dismantlement activity shall be performed without the written approval of FDF.

Dismantlement shall include the following activities:

- Removal of equipment, piping, conduit, cable trays, etc.;
- Demolition of structures erected by the Contractor; and
- Sizing and segregation of removed and demolished material in accordance with FDF direction.

The Contractor shall not demolish concrete foundations, portions of Silo 3, or attachments to Silo 3 whose partial or entire removal could jeopardize the structural integrity or the ability to maintain confinement of the silo without prior approval by FDF.

C.3.2.5 Demobilization Phase

Demobilization shall consist of removal of all the Contractor's temporary facilities and equipment and submittal of all required documentation to close out the project.

C.3.2.5.1 Authorization to Demobilize

Upon completion of dismantlement activities, the Contractor shall request in writing from FDF, written approval to begin demobilization activities.

Upon completion of dismantlement work, proper treatment and disposal of waste, completion of any necessary site restoration activities, and meeting all requirements stated in Section H.22, FDF will provide written approval for the Contractor to demobilize.

C.3.2.5.2 Removal of Temporary Facilities

The Contractor shall remove from the FEMP all temporary facilities and equipment installed under this contract. All items leaving the site must have a radiological survey, and otherwise meet the criteria for release in this contract, including those requirements identified in Section J.3.4. If FDF determines that the Contractor has implemented the requirements of Section C.7 and the Safe Work Plan and the Contractor's decontamination efforts are unsuccessful or decontamination is not practical, then Section H.60 applies.

Support of demobilization activities shall be performed by FAT&LC and GCBCTC, as required by the Collective Bargaining Agreement (CBA), PLA, and as specified in the Labor Relations/Work Force Utilization Plan.

C.3.2.5.3 Site Restoration

The Contractor shall restore the physical conditions within the Silo 3 Work Zone Area and any areas disturbed by the Contractor outside of the work zone area to the conditions encountered upon mobilization. Site restoration activities may include, but not limited to, the following:

- Regrading;
- Reseeding; and
- Repair of damage to existing facilities.